

North Carolina Weather & Crops Report

Released: September 30, 2019



CROP SUMMARY FOR THE WEEK ENDING SEPTEMBER 29, 2019

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.8	6.9	4.8	4.4

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Subsoil Moisture	14	41	45	0
Topsoil Moisture	27	44	29	1
VS= Very Short ST = Short A = Adequate SS = Surplus				

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PHENOLOGICAL:				
Cotton Bolls Opening	85	76	84	80
Soybeans Dropping Leaves	59	45	53	46
HARVESTED:				
Apples	77	71	75	72
Corn for Grain	87	81	82	81
Corn for Silage	92	89	95	92
Hay: Third Cutting	73	63	63	67
Peanuts Threshed	18	N/A	N/A	N/A
Sorghum for Grain	36	33	25	26
Soybeans	14	13	N/A	N/A
Sweet Potatoes	47	35	24	31
Tobacco: Flue-cured	88	79	84	83
Tobacco: Burley	53	40	55	60

CROP CONDITION PERCENT

	VP	P	F	G	EX
Cotton	8	22	25	36	9
Pasture	9	33	38	18	2
Peanuts	3	7	29	48	13
Sorghum	1	16	32	49	2
Soybeans	4	14	32	42	8
Sweet Potatoes	1	6	42	44	7

Dry, hot conditions for the month of September are starting to impact grass and hay lands significantly.
Dwayne Tate – Alleghany, Watauga, Caldwell, Mitchell, McDowell Alexander County Extension

Temperatures remained hot and above normal for period. Some scattered to widespread thunderstorms dropped about .50" of rainfall to moisten and provide relief for the abnormally dry conditions, mostly for the topsoil layer.
Robert Hawk - Jackson, Swain County Extension

Franklin County is extremely dry right now. Some places have seen less than .25 inches of rain the entire month of September. The tobacco that is left in the field is wasting away quickly. We had the potential for an excellent soybean crop 3-4 weeks ago, but with the drought we are losing yield daily. Pastures are looking dry and hay fields are extremely dry.
Charles Mitchell – Franklin, Halifax & Nash County Extension

Conditions remain very dry and concerns are growing about effect on late maturity soybean, late cotton, and peanut. Some soil moisture would aid peanut digging. Tobacco harvest continues with remaining crop a challenge due to declining leaf quality. Dry conditions have also limited hay growth that will impact the last cutting of the season.
Mac Malloy – Robeson County Extension

Conditions are very dry, rain is needed to finish maturing sweet potatoes.
Don Nicholson – Harnett, Johnston, Wake, Wayne, Wilson County Extension

Hot and dry conditions are causing premature leaf drop in some soybeans.
Cathy Herring – Central Crops Research Station

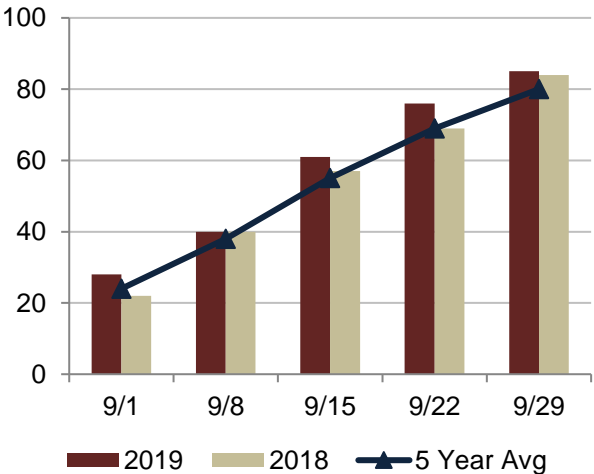
Tobacco is out of the field, peanut harvest is in full swing, cotton is mostly defoliated and starting to harvest.
Carrie Ortel – Pitt County Extension

Dry and Hot weather continues. Soybeans are dropping leaves with some harvest taking place.
Daniel Simpson – Pamlico County Extension

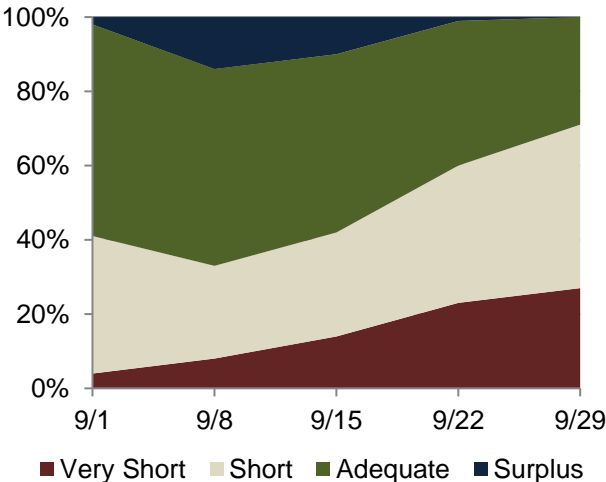
Defoliant materials applied to about half of cotton. Anticipate harvest to begin soon on more acres. Still isolated fields of unharvested corn. Corn yield is incredibly low with many growers harvesting between 15-55 bu/ac. Lack of rainfall beginning to show stress to peanuts, especially those planted late.
Mike Carroll – Craven County Extension

Extremely dry all crops under severe stress.
Gary Cross – Person County Extension

COTTON BOLLS OPENING PERCENT



TOPSOIL MOISTURE PERCENT



WEATHER SUMMARY FOR THE WEEK ENDING SEPTEMBER 29, 2019 ¹

Location	Precipitation (Inches)				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro Airport	0.24	-0.53	23.72	-12.27	92	55	75	9	4327
Asheville Municipal	0.11	-0.66	42.31	5.79	86	53	71	9	3830
Boone	0.50	-0.26	40.55	-0.06	82	45	65	9	2780
Burlington AP	0.17	-0.60	31.40	-3.64	95	58	78	12	4813
Charlotte	0.00	-0.87	39.45	6.28	95	62	78	9	4890
Clayton WTP	0.00	-0.76	39.89	4.46	89	61	75	8	4472
Clinton_2NE	0.00	-0.80	39.80	-1.84	93	61	78	9	4887
Elizabeth City	0.00	-1.04	45.95	7.95	90	61	77	8	4948
Elizabethtown_NC	0.00	-0.73	34.06	-3.73	92	59	77	8	5227
Erwin_AP	0.12	-0.67	32.39	-5.22	92	60	77	10	4960
Fayetteville_AP	0.01	-0.83	32.54	-4.95	92	58	77	9	5216
Frisco_2NNE	0.00	-1.26	49.47	6.67	87	63	77	5	5235
Gastonia-Gaston	0.00	-0.86	33.82	-1.99	96	62	78	11	4969
Goldsboro_AFB	0.06	-1.00	35.15	-4.93	92	61	77	8	5096
Greensboro_AP	0.54	-0.42	38.79	5.06	92	59	76	10	4467
Greenville Airport	0.05	-0.75	34.69	-5.05	90	63	76	8	4867
Hickory	0.00	-0.95	25.12	-12.91	90	58	75	9	4259
Jacksonville AP	0.00	-1.24	21.66	-21.94	92	55	76	6	5038
Jacksonville_EOC	0.00	-1.24	34.50	-9.10	91	53	76	5	5037
Jefferson_2E	0.22	-0.76	42.33	5.52	84	43	64	6	2722
Kinston Airport	0.07	-1.09	32.94	-6.95	90	59	76	5	4965
Louisburg	0.00	-0.77	39.53	4.14	95	55	76	11	4496
Maxton	0.00	-0.88	29.20	-9.61	95	58	77	8	5233
Mt_Airy_2W	0.41	-0.57	39.72	4.62	89	49	71	7	3675
New_Bern	0.60	-0.47	34.90	-9.18	90	58	75	5	5070
North_Wilkesboro	0.14	-0.84	44.89	6.24	89	54	73	10	4058
Oxford_AP	0.00	-0.74	29.55	-4.58	92	58	75	9	3980
Raleigh-Durham	0.00	-0.94	32.97	-0.76	94	62	78	11	4682
Reidsville_2NW	0.01	-0.83	36.35	2.39	90	58	75	10	4189
Roanoke_Rap_Dam	0.00	-0.76	32.84	-2.62	93	60	76	10	4614
Robbinsville_AG	0.05	-0.81	59.22	11.24	84	54	69	6	3448
Rockingham	0.00	-0.84	28.28	-9.50	93	60	76	9	4867
Roxboro Airport	0.10	-0.69	32.32	-1.61	90	55	74	10	3929
Southern_Pines	0.75	-0.09	28.18	-8.26	95	54	77	9	4886
Statesville_2NNE	0.03	-0.83	38.15	3.03	92	57	74	9	4111
Tarboro_1S	0.00	-0.80	33.60	-2.98	90	61	75	8	4741
Vale_Ag_2SW	0.04	-0.80	39.96	3.98	92	56	74	8	4180
Wadesboro Airport	0.00	-0.84	27.87	-9.30	96	56	76	7	4748
Washington_AP	0.05	-0.85	34.01	-4.68	91	62	77	9	4937
Waynesville_1E	0.21	-0.50	42.43	6.09	86	47	68	9	3145
Whiteville_7NW	0.00	-0.88	31.56	-8.23	92	54	74	4	4930
Williamston_1E	0.00	-0.90	48.63	9.94	90	64	77	9	4874
Wilmington_AP_NC	0.49	-0.81	36.94	-9.74	92	60	78	7	5362
Winston-Salem	0.75	-0.21	34.19	0.46	91	60	76	11	4460

¹ This data is made possible by AWIS Weather Services, Inc. <http://www.awis.com/>

PRECIPITATION SUMMARY

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc. <http://www.awis.com/>

